# **Marine Invasive Species**

**Natural Resource Program Center** 



# **Didemnum candidum**

White didemnid (Tunicate)

### Threat scores

- 1. Ecological impact
  - Fouling organism; ecological impact unstudied, but spatial competition in shallow water and fouling communities is likely
- 2. Invasive potential
  - A fouling organism requiring assisted transport to expand alien range
- 3. Geographic extent
  - Locally patchy

# Geography and Habitat

- 1. Native: Unclear, likely Indo-Pacific and/or Red Sea
- 2. Introduced: Hawai'i
- 3. Habitats
  - Coral reefs, fouling communities, benthic
  - Shallow water, primarily in the fouling community of protected harbors and embayment, but also on the reefs in Kaneohe Bay
  - Grows on all substrates, even living animals and algae

### **Invasion Pathways**

Hull/Surface fouling

### Non-Native Locations

1. 152- Hawaiian Islands

## Sources

- 1. Molnar, Jennifer, et al. 2008. "Assessing the global threat of invasive species to marine biodiversity." *Frontiers in Ecology and the Environment*. 6 (9), pp. 485-492.
- 2. <a href="http://conserveonline.org/workspaces/global.invasive.assessment">http://conserveonline.org/workspaces/global.invasive.assessment</a>
- 3. http://www2.bishopmuseum.org/dargis/esri/images/Didemnum%2ocandidum.jpg

